

# 890-7000 Rasch / AB Dental Portable Amalgam Separator

## Quick-start Guide

### **SET-UP** ( *Note: fittings may be pre-installed* )

Lube inlet and outlet fitting o-rings on Filterbox with a quality silicone o-lube and slide it completely into the Amalgam Separator's metal chassis, ensuring that inlet and outlet ports are accessible.

Push inlet and outlet hose-end fittings into place over appropriate ports. ( Inlet is smaller than Outlet ) Lock fitting into place with Allen-head screws provided. **IMPORTANT:** Ensure fittings are bottomed out on Filterbox. Screws need only be finger-tight as they engage with a slot on the inlet/outlet ports.

Position Amalgam Separator where Drainline may be routed into a sink. Ensure that drainline has adequate fall as drain is gravity fed. End of drainline should be at minimum 10" below worksurface. Raise Amalgam Separator if needed.

Twist Inlet and Outlet levers into "OPEN" positions and slowly pour 8 liters ( 2 gallons ) of clean water into top of Amalgam Separator to activate. Some fluids will be retained inside the Filterbox. Close Inlet and Outlet levers.

Canister must sit and soak for a minimum of 24 hours to achieve useable flow rate.

### **DAILY USE**

Twist Inlet and Outlet levers into "OPEN" positions.

Add hot water to waste fluids and swish lightly to mix. Pour into top catchment of Amalgam Separator. Fluids will slowly pass through Filterbox and drain into sink.

At days end, always pour a minimum of 8 liters ( 2 Gallons ) of **SUCTION SYSTEM LINE CLEANSER SOLUTION** into unit to flush. Close Inlet and Outlet levers.

### **RECOMMENDED SUCTION SYSTEM LINE CLEANSERS**

*Good attributes;*

*Detergent action to break up and remove solids*

*Consider "Turbo-Vac Line Flush" by Pinnacle Products.*

*Avoid strong Acid or Alkaline solutions*

*Non-foaming only*

*Chlorine bleach should not be used on a regular basis*

### **FILTERBOX REMOVAL**

Filterbox replacement is effected quickly and easily by reaching a small Allen-head wrench through the larger of two handholds, and loosening the lockscrews holding the Filterbox inlet and outlet fittings in place. The fittings may then be slipped free of the Filterbox and it can be removed for recycling. ( See reverse for details.) Shipping instructions are included with the new canister.

### **REPLACEMENT SCHEDULE**

Filterbox must be replaced every two years. If subjected to heavy use, restricted fluid flow may indicate replacement prior to two years. Decal-sheets are provided as a reminder of when to replace the Filterbox. Determine replacement Month and Year, and peel off corresponding stickers from decal sheet and attach to outside of Amalgam Separator in visible location. Extra sets of decals have been provided for a Calendar or Daytimer.

## Slow Draining Caused by Thick Fluids

Dental effluent can vary in viscosity. To aid in the flow of particularly thick fluids through your Rasch separator, a Sink Faucet Vacuum Adaptor kit has been provided.

### INSTALLATION OF VACUUM DRAIN KIT

#### STEP 1

Locate and identify the three components of the kit. 1) The vacuum attachment - connected to the discharge tube. 2) the Faucet adaptor for male threaded faucets, and 3) Thread adaptor(s) for female threaded faucets.

#### STEP 2

Unthread the existing faucet aerator and check if the faucet is male ( threads protruding), or female ( threads up inside the faucet ).

#### STEP 3

Install adaptor "A" with the black gasket if the faucet is male. Install adaptors "A" and "B" together with the black gaskets if the faucet is female.

#### STEP 4

Thread the Vacuum Adaptor onto the faucet adaptor. The unit is now ready for use.

### USE OF VACUUM DRAIN KIT

#### STEP A

Turn faucet on to a medium rate of flow.

#### STEP B

Open Inlet and Outlet manual valves on side of separator.

#### STEP C

Pour effluent into the separator ( No more than 500 ml at a time )

#### STEP D

When drained, rinse with 2 gallons of Suction System Cleaner - properly diluted to manufacturers directions. Close Inlet and Outlet valves and disconnect the Vacuum Adaptor.



# Filterbox Replacement Guide

Always use protective gloves when replacing the canister.

## STEP 1

Ensure Inlet and Outlet valves are open and drain line is in sink. With both hands, slowly grasp Amalgam Separator and tilt in direction of Outlet lever and let drain. Then tilt towards drain hose raise separator slowly to drain off remaining fluid in hoses.

## STEP 2

Place Amalgam Separator flat on worksurface and shut off both Inlet and Outlet valves. Loosen retaining screws and disconnect first the Inlet and then the Outlet fittings from the full canister with a twisting motion.

## STEP 3

Slide the Filterbox out of the Amalgam Separator and tilt Filterbox in direction of outlet port and raise slowly to drain off remaining fluid into sink. Locate the jar of disinfectant packaged with your new, replacement Filterbox, and pour 1/2 of the jar of disinfectant into the inlet port, and the other 1/2 of the jar into the outlet port of the used Filterbox. Seal the openings with the caps provided with the new Filterbox.

## STEP 4

Pack old Filterbox in rigid foam packing and carton provided with the replacement Filterbox and seal well. **Refer to shipping instructions included with the replacement canister.**

## STEP 5

Follow "SET-UP" procedures on front of this sheet to install new Filterbox.

